

**CONTENTS**  
**Volume 18 (1989)**

*Commentary*

**Re-evaluation of cardiopulmonary resuscitation**

by E.L. McNeil ..... 1-5

*Review Article*

**Initiation of closed-chest cardiopulmonary resuscitation basic life support. A personal history**

by P. Safar ..... 7-20

**Evaluation of cardiac vulnerability and antifibrillatory properties of anti-arrhythmic drugs**

by A. Smailys, V. Gasiunas and G. Gasiuniene ..... 21-30

**The relationship of conjunctival and arterial blood gas oxygen measurements**

by S. Podolsky, J. Wertheimer and S. Harding ..... 31-36

**The effects of dihydroergocryptine on the neurological and enzyme disorders induced by cerebral ischaemia in rats**

by R. Cahn, M.G. Borzeix and J. Legeai ..... 37-48

**The biological activity of adrenaline after injection through an intravenous cannula containing alkaline buffer**

by R. Gedeborg and L. Wiklund ..... 49-58

**Plasma catecholamines, pH and blood pressure during cardiac arrest in pigs**

by C.M. Lathers, N. Turner and J.M. Schoffstall ..... 59-74

**Results of cardiopulmonary resuscitation in a cardiology hospital**

by A. Timerman, L. Soares Piegas and J.E.M.R. Sousa ..... 75-84

**Temporary organ substitution by hemoperfusion through suspension of active donor hepatocytes in a total complex of intensive therapy in patients with acute hepatic insufficiency**

by M.S. Margulis, E.A. Erukhimov, L.A. Andreiman and L.M. Viksna ..... 85-94

**Esophageal tracheal combitube (ETC) for emergency intubation: Anatomical evaluation of ETC placement by radiography**

by M. Frass, J.C. Johnson, G.L. Atherton, F.X.J. Fruhwald, O. Traindl, B. Schwaighofer and C. Leithner ..... 95-102

**Use of low-dose neostigmine intravenously in the treatment of supraventricular tachycardia: an immediate bradycardiac effect**

by J. Eldor and D.Z.N. Frankel ..... 103-110

**Literature of Resuscitation** ..... 111-122

**Calendar of Future Events** ..... 123-124

**Special Issue — Hemorrhagic Shock: New Vistas**

**Introduction** ..... 125

**Abstracts** ..... 127-128

*Brief Communications*

**Cholecystokinin peptides and bombesin reverse hemorrhagic shock in rats**

by S. Guarini, S. Tagliavini, C. Bazzani, A.V. Vergoni and A. Bertolini ..... 129-131

<b>Effect of ACTH-(1-24) on the volume of circulating blood and on regional blood flow in rats bled to hypovolemic shock</b>	133-134
by S. Guarini, S. Tagliavini, C. Bazzani, A. Benelli, A. Bertolini and W. Ferrari	
<b>Characteristics of brain, heart ventricle and spleen capsule adrenoceptors in rats bled to hypovolemic shock and treated with ACTH-(1-24)</b>	135-137
by M. Sandrini, S. Guarini and A. Bertolini	
<b>Resuscitation fluid temperature: effect of delivery method</b>	139-140
by F. Arnetoli, A. Peris and C. Tempestini	
<b><math>\beta</math>-Endorphin levels after experimental blood loss in human subjects. Correlations with cortisol, ACTH, plasma renin activity, plasma catecholamines and blood pressure variations</b>	141-143
by E. Casiglia, E. Vincenti, M. Giacomello, M. Plebani, G. Ruffato, G.P. Rossi, L. Zanin and A.C. Pessina	
<b>ACTH-(1-24) and hemorrhagic shock: preliminary clinical results</b>	145-147
by G. Noera, P. Pensa, P. Guelfi, B. Biagi, C. Curcio and B. Bentini	
<b>Preliminary data on the use of ACTH-(1-24) in human shock conditions</b>	149-150
by G. Pinelli, G. Chesi, C. Di Donato, A. Reverzani and L. Marani	
<b>Disseminated intravascular coagulation and trauma</b>	151-152
by R. Stacca, R. Pignatti, D. Iseppi, M. Bozzola and M. Campisi	
<b>Plasma expanders in hemorrhagic shock</b>	153-154
by R. Stacca, E. Bertellini, P. Piccinini, L. Morselli and A. Tassi	
<b>Blood transfusion in hemorrhagic shock</b>	155
by A. Nieri and M. Bassano	
<b>Hemorrhagic shock and anaesthesia: operative experience</b>	157-158
by P. Romiti, W. Bottari and G. Tamponi	
<b>Shock and traumatic retroperitoneal hematoma: diagnostic and therapeutic problems</b>	159
by A. Manenti, M. Malagoli, G. Gibertini, A. Miselli and A. Rossi	
<b>On a case of shock caused by acute puerperal inversion of the uterus</b>	161-162
by B. Maurizio, R. Fraioli and C. Contessa	
<b>Left extrapleural hemothorax from rupture of the subclavian artery</b>	163-164
<b>Endothelium-dependent responses and their potential relevance to the distribution of blood flow during hemorrhagic shock</b>	165-171
by V.M. Miller and P.M. Vanhoutte	
<b><math>\beta</math>-Endorphin and central control of arterial blood pressure during challenge of circulatory homeostasis</b>	173-182
by W. De Jong, P. Sandor, J. Cox-Van Put, M.N. Van Den Berg and P.L.M. Van Giersbergen	
<b>Neural influences on the human pulmonary circulation as a defence reaction to volume depletion</b>	183-193
by P. Moruzzi, P. Sganzerla and M.D. Guazzi	
<b>Oxygen-derived free radicals in the pathogenesis of experimental shock</b>	195-205
by G.P. Novelli, P. Anglioni, P. Livi and E. Paternostro	
<b>Platelet-activating factor and cytokine interactions in shock</b>	207-218
by D. Hosford, M. Paubert-Braquet and P. Braquet	
<b>Sympathetic and hemodynamic adjustments to hemorrhage: a possible role for endogenous opioid peptides</b>	219-228
by J.C. Schadt	
<b>Facilitation of the release of noradrenaline: an extra-adrenal effect of adrenocorticotrophic hormone</b>	229-242
by B. Szabo, L. Hedler and K. Starke	
<b>The therapeutic efficacy of opiate antagonists in hemorrhagic shock</b>	243-251
by D.G. Reynolds, N.J. Gurll, J.W. Holaday and R.B. Lechner	

<b>The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock</b> by A. Bertolini, W. Ferrari and S. Guarini . . . . .	253-267
<b>The C1 area of rostral ventrolateral medulla: a central site integrating autonomic responses to hemorrhage</b> by D.J. Reis, D.A. Ruggiero and S.F. Morrison . . . . .	269-288
<b>Adrenocorticotrophic hormone (ACTH) and centrally-acting cholinomimetic drugs improve survival of rats with severe hemorrhagic shock through distinct central cholinergic mechanisms</b> by A. Bertolini, W. Ferrari and S. Guarini . . . . .	289-297
<b>Effects of fructose 1,6-diphosphate on splanchnic artery occlusion shock in the rat</b> by F. Squadrito, R. Sturniolo, D. Altavilla, G.M. Campo, G.R. Trimarchi, R. Scuri and A.P. Caputi . . . . .	299-307
<b>Angiotensin II and atrial natriuretic peptide in the brain: effects on volume and <math>\text{Na}^+</math> balance</b> by T. Unger, P. Gohlke, M. Kotrba, R. Rettig and P. Rohmeiss . . . . .	309-319
<b>New prospects for shock treatment: symposium closing remarks</b> by J.B. McCabe . . . . .	321-326
<b>Calendar of Future Events</b> . . . . .	327-328
<b>Subject Index Volume 18</b> . . . . .	329-332
<b>Author Index Volume 18</b> . . . . .	333
<b>Contents Volume 18</b> . . . . .	335-337

## (Contents continued from back cover)

<b>Neural influences on the human pulmonary circulation as a defence reaction to volume depletion</b> by P. Moruzzi, P. Sganzerla and M.D. Guazzi .....	183-193
<b>Oxygen-derived free radicals in the pathogenesis of experimental shock</b> by G.P. Novelli, P. Anglioni, P. Livi and E. Paternostro .....	195-205
<b>Platelet-activating factor and cytokine interactions in shock</b> by D. Hosford, M. Paubert-Braquet and P. Braquet .....	207-218
<b>Sympathetic and hemodynamic adjustments to hemorrhage: a possible role for endogenous opioid peptides</b> by J.C. Schadt .....	219-228
<b>Facilitation of the release of noradrenaline: an extra-adrenal effect of adrenocorticotrophic hormone</b> by B. Szabo, L. Hedler and K. Starke .....	229-242
<b>The therapeutic efficacy of opiate antagonists in hemorrhagic shock</b> by D.G. Reynolds, N.J. Gurli, J.W. Holaday and R.B. Lechner .....	243-251
<b>The adrenocorticotrophic hormone (ACTH)-induced reversal of hemorrhagic shock</b> by A. Bertolini, W. Ferrari and S. Guarini .....	253-267
<b>The C1 area of rostral ventrolateral medulla: a central site integrating autonomic responses to hemorrhage</b> by D.J. Reis, D.A. Ruggiero and S.F. Morrison .....	269-288
<b>Adrenocorticotrophic hormone (ACTH) and centrally-acting cholinomimetic drugs improve survival of rats with severe hemorrhagic shock through distinct central cholinergic mechanisms</b> by A. Bertolini, W. Ferrari and S. Guarini .....	289-297
<b>Effects of fructose 1,6-diphosphate on splanchnic artery occlusion shock in the rat</b> by F. Squadrato, R. Sturniolo, D. Altavilla, G.M. Campo, G.R. Trimarchi, R. Scuri and A.P. Caputi .....	299-307
<b>Angiotensin II and atrial natriuretic peptide in the brain: effects on volume and Na<sup>+</sup> balance</b> by T. Unger, P. Gohlke, M. Kotrba, R. Rettig and P. Rohmeiss .....	309-319
<b>New prospects for shock treatment: symposium closing remarks</b> by J.B. McCabe .....	321-326
<b>Calendar of Future Events</b> .....	327-328
<b>Subject Index Volume 18</b> .....	329-332
<b>Author Index Volume 18</b> .....	333
<b>Contents Volume 18</b> .....	335-337



